

SUWANNEE RIVER BASIN

2002 Water Year

02317810 ARNOLD CREEK TRIBUTARY NEAR TIFTON, GA

(Published previous to 1987 as Little River Tributary No. 2 near Tifton, GA)

LOCATION.—Lat 31°25'30", long 83°34'23" referenced to North American Datum (NAD) of 1927, Tift County, Hydrologic Unit 03110204, at culvert on secondary road 546, 4.0 miles southwest of Tifton.

DRAINAGE AREA.—0.47 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1965 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 310.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 5.46 feet, October 3, 1994

DISCHARGE: 219 ft³/s, October 3, 1994

MAXIMUM FOR CURRENT YEAR.—

STAGE: 1.35 feet, February 7

DISCHARGE: 23.4 ft³/s, February 7